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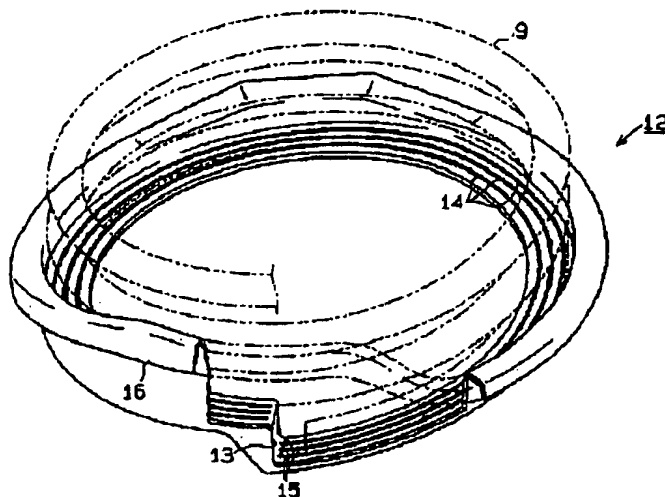
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TITLE : INSULATOR FOR COIL SPRING



ABSTRACT : **PROBLEM TO BE SOLVED:** To provide an insulator for a coil spring, capable of suppressing deterioration of durability caused by abrasion, to achieve the light weight and the reduction of cost.

SOLUTION: A plurality of groove parts 14 are formed on the upper surface of a polyethylene-made lower insulator 12 along the lower end surface of a coil spring 9. Perforated holes 15 communicated with the lower side of the lower insulator 12 are provided on a part positioned on the lowermost sides of the groove parts 14. In compression of the coil spring 9, transmission of impact force is alleviated by the lower insulator 12. Even if muddy water is splashed and enters a part between the lower insulator 12 and the coil spring 9, the muddy water is guided to the groove parts 14 and discharged to the outside through the perforated holes 15. Accordingly, even if the coil spring 9 is compressed and deformed, the lower insulator 12 is not easily worn with solid matters (foreign matters such as sand) in muddy water.

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